As you know Java inner classes are defined within the scope of other classes, similarly, **inner beans** are beans that are defined within the scope of another bean. Thus, a <bean/> element inside the property/> or <constructor-arg/> elements is called inner bean and it is shown below.

Example:

Let us have working Eclipse IDE in place and follow the following steps to create a Spring application:

Step	Description
1	Create a project with a name <i>SpringExample</i> and create a package <i>com.tutorialspoint</i> under the src folder in the created project.
2	Add required Spring libraries using <i>Add External JARs</i> option as explained in the <i>Spring Hello World Example</i> chapter.
3	Create Java classes TextEditor, SpellChecker and MainApp under the com.tutorialspoint package.
4	Create Beans configuration file <i>Beans.xml</i> under the src folder.
5	The final step is to create the content of all the Java files and Bean Configuration file and run the application as explained below.

Here is the content of **TextEditor.java** file:

```
package com.tutorialspoint;

public class TextEditor {
   private SpellChecker spellChecker;

   // a setter method to inject the dependency.
   public void setSpellChecker(SpellChecker spellChecker) {
        System.out.println("Inside setSpellChecker.");
        this.spellChecker = spellChecker;
   }

   // a getter method to return spellChecker
   public SpellChecker getSpellChecker() {
        return spellChecker;
   }
}
```

```
public void spellCheck() {
    spellChecker.checkSpelling();
}
```

Following is the content of another dependent class file SpellChecker.java:

```
package com.tutorialspoint;

public class SpellChecker {
   public SpellChecker() {
       System.out.println("Inside SpellChecker constructor." );
   }

   public void checkSpelling() {
       System.out.println("Inside checkSpelling." );
   }
}
```

Following is the content of the **MainApp.java** file:

Following is the configuration file **Beans.xml** which has configuration for the setter-based injection but using **inner** beans:

Once you are done with creating source and bean configuration files, let us run the application. If everything is fine with your application, this will print the following message:

```
Inside SpellChecker constructor.
Inside setSpellChecker.
Inside checkSpelling.
```